

April 17, 1997



*Auxein Corporation*  
*P.O. Box 27519*  
*3900 Collins Road*  
*Lansing, MI 48909*

Ms. Denise Greenway  
Document Processing Desk  
Registration Division  
Office of Pesticide Programs (H7504W)  
U.S. Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460

Subject: Experimental Use Permit (EUP) Application  
AuxiGro™ Plant Growth Enhancer

Dear Ms. Greenway:

Attached is an application for the utilization of AuxiGro under an EUP. Corresponding petitions for temporary exemptions from tolerance are also being submitted for the two active ingredients in AuxiGro, gamma aminobutyric acid and L-glutamic acid.

Two certified checks for \$24,750 and \$1,550 payable to the Environmental Protection Agency (EPA) to cover clerical operations, initial administrative review, and the cost incurred in considering the petition after it has been filed were submitted to EPA offices in Pittsburgh, Pennsylvania (copy of checks enclosed).

The second check of \$1,550 is associated with a request to waive the tolerance fees on the basis that this petition is in the public interest and economic hardship to Auxein.

**Public Interest:** The potential benefits of AuxiGro are multi-fold and include the following:

- Increases plant growth and yield for higher returns
- Increases fruit and vegetable quality through larger fruits and vegetables
- Increases fertilizer efficiency resulting in possible reduced fertilizer rates of up to 25%
- Induces faster seed germination and rooting
- Induces earlier flowering and fruit set resulting in earlier harvest (a price advantage to the grower)

**Economic Hardship:** Auxein has been founded only recently with no sales to date. Auxein's sales would start subsequent to the registration of AuxiGro.

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RE: EUP APPLICATION

Enclosed in the Administrative Volume are a Confidential Statement of Formula, a completed EUP application form, and the proposed EUP program. Note that the Confidential Statement of Formula contains information that is proprietary to Auxein Corporation and should be treated accordingly. Also enclosed in the Administrative Volume is a Petition Summary; an electronic copy of which is on the enclosed diskette (WordPerfect).

Sincerely,

AUXEIN CORPORATION



M. Olav Messerschmidt  
Vice President Business Development

Attachments

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## TRANSMITTAL DOCUMENT

1. **Name and Address of Submitter:**

Auxein Corporation, P. O. Box 27519, 3900 Collins Road,  
Lansing, Michigan 48909-0519

2. **Regulatory Action In Support of Which This Document is Submitted:**

Experimental Use Permit (EUP) Application for Auxigro™ Plant Growth Enhancer.

3. **Transmittal Date:** April 17, 1997

4. **List of Submitted Studies:**

Vol. 1. Experimental Use Permit Administrative Package

Cover letter dated April 17, 1997

Cover letters and copies of certified checks for \$24,750 and \$1,550 payable to  
the Environmental Protection Agency

Admin

Confidential Statement of Formula

Experimental Use Permit Application Form

Experimental Use Permit Application (Sections A through G-7)

Auxein Corporation Petition Summary (with diskette)

Vol. 2. Literature Citation: *Biological Chemistry* 44268801

Vol. 3. Literature Citation: *Biochemistry - A Functional Approach* 44268802

Vol. 4. Literature Citation: *The Administration of Gamma-Aminobutyric Acid to Man:  
Systemic Effects and Anticonvulsant Action* 44268803

44268804 Vol. 5. Final Report from STILLMEADOW, Inc.: Acute Oral Toxicity Study in Rats

Vol. 6. Final Report from STILLMEADOW, Inc.: Acute Dermal Toxicity Study in  
Rabbits 44268805

Vol. 7. Final Report from STILLMEADOW, Inc.: Primary Dermal Irritation Study in  
Rabbits 44268806

Vol. 8. Literature Citation: Review Article Number 51: Metabolism, Enzymology and  
Possible Roles in 4-Aminobutyrate in Higher Plants 44268807

Company Name: Auxein Corporation

Company Official: Olav Messerschmidt, Vice-President Business Development

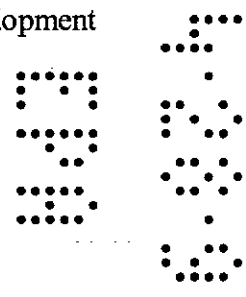
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Signature:

*Olav Messerschmidt*



Rec'd  
APR 24 1996  
BPPD 3013